

SANITARY SEWER SYSTEM

Sanitary sewers serve almost all developed areas within Southern Pines. The few exceptions are where property is lower than street level on a particular lot. Several areas outside the municipal limits are also served. See Sewer Map showing areas served by sewer.

Sewerage Treatment Plant

The Southern Pines sewerage treatment plant uses a trickling filter system to accomplish secondary treatment of sewage. The plant was built during the 1920's and presently has a capacity of 1,000,000 gallons per day. It is estimated that the present average use of the plant is 800,000 gallons per day with occasional maximum days of 1,000,000 or more gallons. The plant is located several hundred yards north of Midland Road adjacent to McDeed's Creek. The effluent from the plant is discharged into the creek after treatment. In recent months, biological oxygen demand has measured about 85 percent after treatment. This level of treatment is considered adequate.

In the past there has been a problem with industrial wastes fouling the filter at the treatment plant. Recently, Proctor-Silex has installed a pre-treatment facility which helps in handling the chrome that had previously interfered with operations.

Sanitary Sewer System

Most of Southern Pines is served by a gravity flow sewer system. Two pumping stations serve areas that could not be served otherwise. One station on Carthage Road near the water plant serves the Sandhills Community College. The other station is located on South Glover Street and serves the West Southern Pines School and about ten residential blocks in that area.